

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012836

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C22B21/06 C22B9/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C22B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 375 308 A (ALCAN INT LTD) 27 June 1990 (1990-06-27) the whole document	1-11
A	EP 0 099 948 A (SHOWA ALUMINUM CORP) 8 February 1984 (1984-02-08) the whole document	1-11
A	US 4 273 627 A (DAWLESS ROBERT K ET AL) 16 June 1981 (1981-06-16) the whole document	1-11
A	US 3 211 547 A (STARNER BERNARD M ET AL) 12 October 1965 (1965-10-12) the whole document	1-11

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

13 January 2005

Date of mailing of the international search report

26/01/2005

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Information on patent family members

International Application No

PCT/EP2004/012836

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0375308	A	27-06-1990	AU 4703289 A	28-06-1990
			EP 0375308 A1	27-06-1990
			JP 2225633 A	07-09-1990
EP 0099948	A	08-02-1984	EP 0099948 A1	08-02-1984
			DE 3274369 D1	08-01-1987
US 4273627	A	16-06-1981	US 4222830 A	16-09-1980
			AU 522960 B2	01-07-1982
			AU 4910779 A	03-07-1980
			CA 1138374 A1	28-12-1982
			CH 643000 A5	15-05-1984
			DE 2951720 A1	03-07-1980
			FR 2445380 A1	25-07-1980
			GB 2039529 A ,B	13-08-1980
			HU 182924 B	28-03-1984
			IT 1164789 B	15-04-1987
			JP 1489436 C	23-03-1989
			JP 55089440 A	07-07-1980
			JP 58013613 B	15-03-1983
			NL 7909254 A	30-06-1980
			NO 793951 A ,B	27-06-1980
			NZ 192376 A	19-11-1981
US 3211547	A	12-10-1965	CH 445132 A	15-10-1967
			DE 1211800 B	03-03-1966
			GB 942629 A	27-11-1963
			JP 49005806 B	09-02-1974